Molecular and Cellular Biochemistry:

An International Journal for Chemical Biology in Health and Disease

CONTENTS VOLUME 285, Nos. 1 & 2, April 2006

B. Delgado-Coello, R. Trejo and J. Mas-Oliva: Is there a specific role for the plasma membrane Ca^{2+}-ATPase in the hepatocyte? 1–15

M.R. Siddiqui, K. Moorthy, A. Taha, M.E. Hussain and N.Z. Baquer: Low doses of vanadate and *Trigonella* synergistically regulate Na^+/K^+-ATPase activity and GLUT4 translocation in alloxan-diabetic rats 17–27

M.C. Becerra, P.L. Páez, L.E. Laróvere and I. Albesa: Lipids and DNA oxidation in *Staphylococcus aureus* as a consequence of oxidative stress generated by ciprofloxacin 29–34

R.A.K. Srivastava, R. Jahagirdar, S. Azhar, S. Sharma and C.L. Bisgaier: Peroxisome proliferator-activated receptor-α selective ligand reduces adiposity, improves insulin sensitivity and inhibits atherosclerosis in LDL receptor-deficient mice 35–50

Y.-F. Wang, N.-S. Chen, Y.-P. Chung, L.-H. Chang, Y.-H. Chiou and C.-Y. Chen: Sodium butyrate induces apoptosis and cell cycle arrest in primary effusion lymphoma cells independently of oxidative stress and $p21^{CIP1/WAF1}$ induction 51–59

C. Wittnich, J. Su, C. Boscarino and M. Belanger: Age-related differences in myocardial hydrogen ion buffering during ischemia 61–67

Y. Lin, X. Chen, Z. Yan, L. Liu, W. Tang, X. Zheng, Z. Li, J. Qiao, S. Li and W. Tian: Multilineage differentiation of adipose-derived stromal cells from GFP transgenic mice 69–78

G.A. Petroianu, M.Y. Hasan, S.M. Nurulain, K. Arafat, M. Shafiullah and R. Sheen: Tiapride pre-treatment in acute exposure to paraoxon: Comparison of effects of administration at different points-in-time in rats 79–86

G. Leposavić, N. Arsenović-Ranin, K. Radojević, D. Kosec, V. Pešić, B. Vidić-Danković, B. Plećaš-Solarović and I. Pilipović: Characterization of thymocyte phenotypic alterations induced by long-lasting β-adrenoceptor blockade *in vivo* and its effects on thymocyte proliferation and apoptosis 87–99

M.M. Beloti, L.S. Bellesini, P.T. de Oliveira and A.L. Rosa: Participation of estrogen receptors in the enhancement of osteoblast differentiation by TAK-778 101–109

E. Kolettas, C. Thomas, E. Leneti, I. Skoufos, C. Mbatsi, C. Sisoula, G. Manos and A. Evangelou: Rosmarinic acid failed to suppress hydrogen peroxide-mediated apoptosis but induced apoptosis of Jurkat cells which was suppressed by Bcl-2 111–120

S. Pathak, J.K. Das, S.J. Biswas and A.R. Khuda-Bukhsh: Protective potentials of a potentized homeopathic drug, Lycopodium-30, in ameliorating azo dye induced hepatocarcinogenesis in mice 121–131

C. Sarkar, S.K. Singh, S.K. Mandal, B. Saha, R. Bera, J. Ratha, P.K. Datta and R. Bhadra: Human placental protein/peptides stimulate melanin synthesis by enhancing tyrosinase gene expression 133–142

S. Das, R. Ray, Snehlata, N. Das and L.M. Srivastava: Effect of ascorbic acid on prevention of hypercholesterolemia induced atherosclerosis 143–147

Y. Cigremis, H. Parlakpinar, A. Polat, C. Colak, F. Ozturk, E. Sahna, N. Ermis and A. Acet: Beneficial role of aminoguanidine on acute cardiomyopathy related to doxorubicin-treatment 149–154

Z. Hossain, H. Kurihara, M. Hosokawa and K. Takahashi: Docosahexaenoic acid and eicosapentaenoic acid-enriched phosphatidylcholine liposomes enhance the permeability, transportation and uptake of phospholipids in Caco-2 cells 155–163

N. Yumoto, X. Yu and M. Hatakeyama: Expression of the ErbB4 receptor causes reversal regulation of PP2A in the Shc signal transduction pathway in human cancer cells 165–171

M.L. Conte da Frota Jr., E. Gomes da Silva, G.A. Behr, M. Roberto de Oliveira, F. Dal-Pizzol, F. Klamt and J.C.F. Moreira: All-*trans* retinoic acid induces free radical generation and modulate antioxidant enzyme activities in rat sertoli cells 173–179

D.K. Maurya and C.K.K. Nair: Preferential radioprotection to DNA of normal tissues by ferulic acid under *ex vivo* and *in vivo* conditions in tumor bearing mice 181–190

S.Y. Vetter, A. Elsässer, O. Tutdibi, S. Lang, W. Schoels, A. Pott, C. Ackermann, C. Reinhard, F. Wieland, H.A. Katus, W. Kübler and A.M. Vogt: Brief antecedent anoxia preserves mitochondrial function after sustained undersupply: A subcellular correlate to ischemic preconditioning? 191–196

Available online

www.springerlink.com